

0023-1785-3

"RESPONSE UNDER 37 CFR 1.116-
EXPEDITED PROCEDURE EXAMINING
GROUP 1700"

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF :
TATSUYA TANAKA ET AL : EXAMINER: TRAN, L.
SERIAL NO: 09/550,331 :
RCE FILED: JANUARY 14, 2002 : GROUP ART UNIT: 1725
FOR: METHOD AND APPARATUS
FOR INJECTION MOLDING
LIGHT METAL ALLOY

AMENDMENT

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

In response to the Office Action dated July 9, 2002, please amend the above identified application as follows:

IN THE CLAIMS

24. (Three Times Amended) A method of injection molding a light metal alloy comprising the steps of:
cooling a molten metal under shearing by an extrusion screw into a semi-solidified slurry in a substantially vertical chamber;
discharging the semi-solidified slurry from a discharge port at the lower end of the chamber by moving the extrusion screw linearly in a substantially vertical direction;
turning the semi-solidified slurry in the horizontal direction; and

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